

Abstract of the Disclosure

ENGINE VALVE ACTUATION SYSTEM AND METHOD FOR
CONTROLLING WHITE SMOKE

The present invention provides a method and apparatus for controlling an intake engine valve capable of variable closing timing. A condition indicative of white smoke production is determined. An intake engine valve is closed at a first crank angle for a given engine operating condition when the condition indicative of white smoke production does not exist. The intake valve is closed at a second crank angle for the given engine operating condition when the condition indicative of white smoke production exists. The second crank angle is less than the first crank angle.